



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re the application of:** Craig C. Mello *et al.*

**Serial No.:** 09/689,992

**Filed:** October 13, 2000

**For:** *RNA Interference Pathway Genes as Tools for Targeted Genetic Interference*

**Attorney Docket No.:** UMY-052

**Group Art Unit:** 1637

**Examiner:** Teresa E. Strzelecka

**MS AF**  
**Commissioner for Patents**  
**Post Office Box 1450**  
**Alexandria, VA 22313-1450**

**CERTIFICATION UNDER 37 CFR 1.10**

Date of Deposit: November 3, 2004

Mailing Label Number: EV 982743214 US

I hereby certify that this 37 CFR 1.53(b) request and the documents referred to as attached therein are being deposited with the United States Postal Service on the date indicated above in an envelope as "Express Mail Post Office to Addressee" service under 37 CFR 1.10 and addressed MS AF, Commissioner for Patents, Post Office Box 1450, Alexandria, VA 22313-1450.

Debra J. Milasincic, Esq.

Name of Person Mailing Paper

Signature of Person Mailing Paper

**AMENDMENT AND RESPONSE**

Dear Sir:

This communication is submitted in response to the Final Office Action (Paper No. 29042004) dated May 3, 2004. A separate petition for the appropriate extension of time in which to respond is being filed concurrently herewith. Responsive to the Action, please find Applicants' remarks and arguments as follows:

**Remarks/Arguments** begin on page 2 of this paper.